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(54) CAM CHAIN GUIDE OF DOHC ENGINE

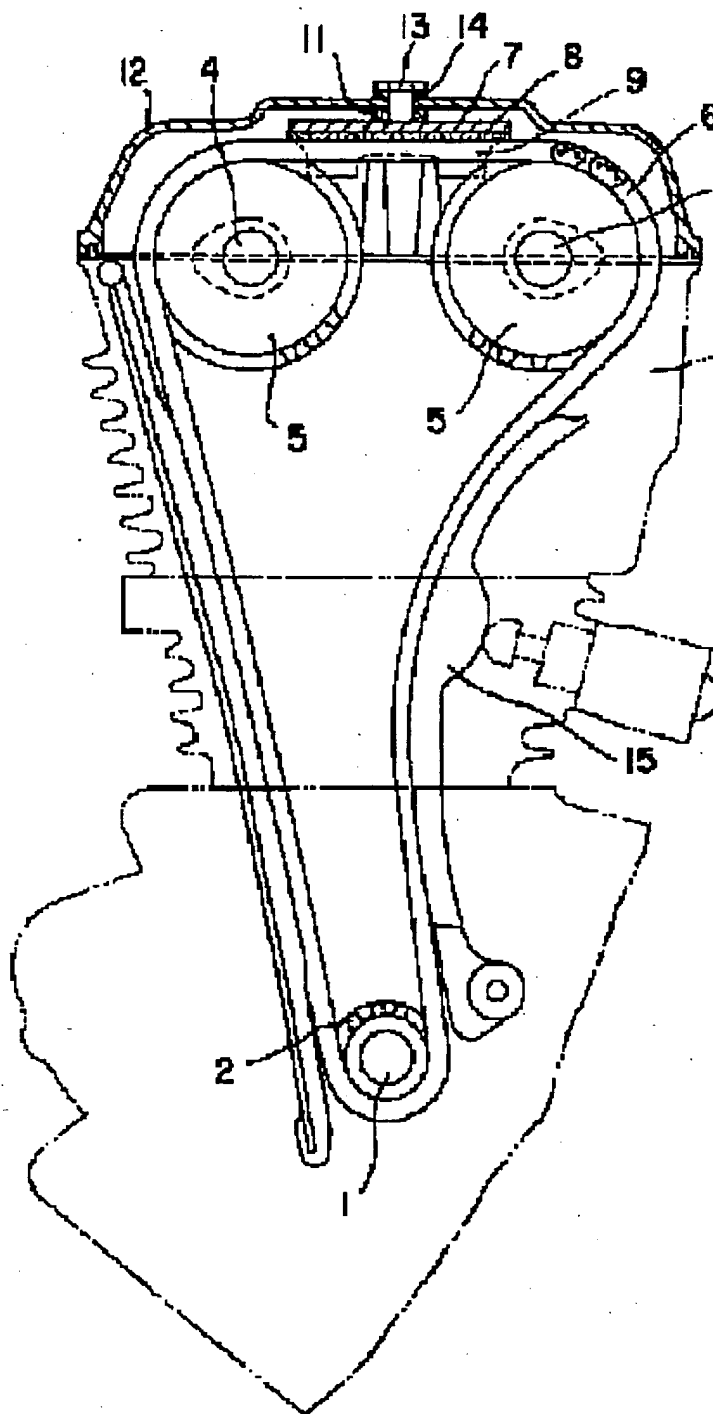
(57) Abstract:

PROBLEM TO BE SOLVED: To restrain the flapping of a cam chain by pressing a chain guide in which a piece of slipper has been extendedly stuck on the undersurface thereof against on the cam chain between two camshaft sprockets of an engine, so that a damping piece is interposed between the upper surface of the chain guide and the head cover.

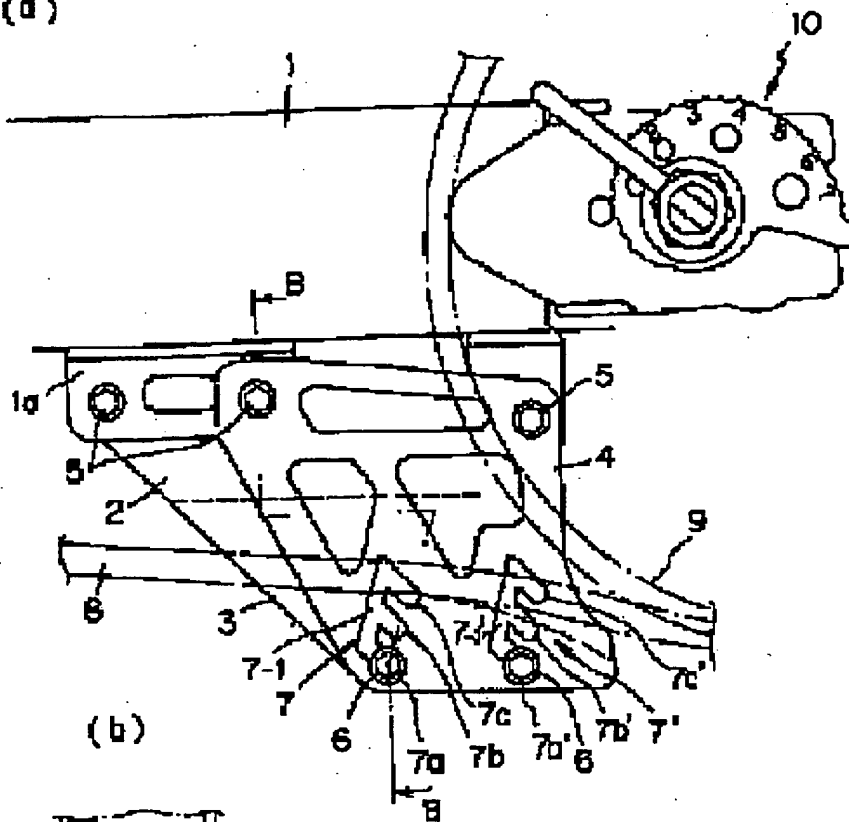
SOLUTION: A cam chain 6 is wrapped around the sprocket 2 of the crankshaft 1 of an engine and the sprockets 5 on the respective intake and exhaust camshafts 4 that have been journaledly mounted on the cylinder head 3, and the two camshafts 4 are interlocked with the rotation of the crankshaft 1. In this case, a chain guide 7 which is formed of a steel plate and in which a slipper piece 8 formed of rubber or a synthetic resin such as nylon is extendedly stuck onto the undersurface thereof is tightenedly fitted to the cylinder head 3 by bolts

through the stay parts 9 that have been continuously provided on the one side, so that the slipper piece 8 is pressed onto the cam chain 6 between two sprockets 5. Further, a damping piece 11 consisting of an elastic body such as rubber is superposed on the upper surface of a chain guide 7 for elastically supporting the chain guide 7.

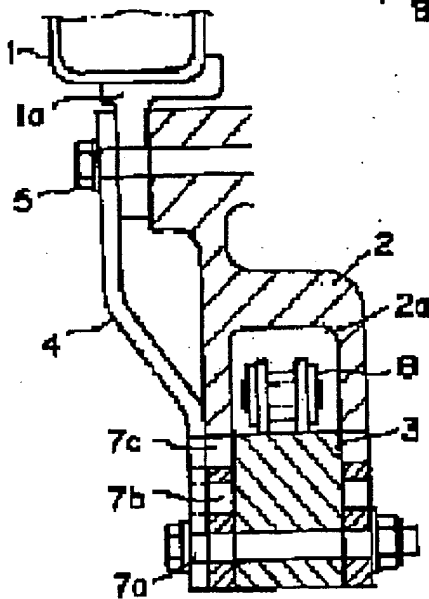
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(a)



(b)



(c)

